

Transportation Improvement Program (TIP)

for the

New River Valley Metropolitan Planning Organization

Fiscal Years 2015 – 2018

Approved June 5, 2014

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Introduction

Purpose and Development

The Transportation Improvement Program (TIP) for the Blacksburg Urbanized Area is a comprehensive listing of transportation activities to be undertaken during the three-year interval for which it is developed. The basic purpose of the TIP is to recommend transportation projects for federal funding while combining the efforts of local jurisdictions into a regionally coordinated plan of improvements. The TIP is developed in accordance with provisions in federal legislation; Moving Ahead for Progress in the 21st Century (MAP-21). A summary of Highway provisions in MAP-21 can be found on the MPO website or at the following link: www.fhwa.dot.gov/map21/summaryinfo.cfm. An update to this legislation is currently being developed in Congress.

Projects are proposed for the TIP by local officials, transit operating officials, the Virginia Department of Transportation and any other agencies or officials responsible for transportation projects within the region. These officials, through the New River Valley Metropolitan Planning Organization (MPO), select and schedule projects that they support for endorsement in the TIP. The Transportation Improvement Program is endorsed annually by the MPO and may be modified by amendments at any time. MPO membership currently includes officials from Montgomery and Pulaski Counties, the Towns of Blacksburg and Christiansburg, The City of Radford, Virginia Tech, Radford University, New River Community College, the New River Planning District Commission, Blacksburg Transit, Radford Transit, Pulaski Transit, the Virginia Tech/Montgomery Regional Airport Authority, the Virginia Department of Transportation, the Virginia Department of Rail and Public Transportation, the Federal Highway Administration, and the Federal Transit Administration.

The Comprehensive, Continuing, Cooperative (3-C) process of the MPO, provides a natural mechanism by which the plan can be carefully reviewed and updated annually. Annual development of this program helps to clarify future needs, allow revisions to accommodate changing conditions, and allows developing local and regional plans to be continually incorporated. The Technical Advisory Committee to the MPO made up of representatives from local, state, and federal agencies, provides the professional expertise necessary to derive a plan, and ensure that all local and regional interests are considered. Once the program is developed, the MPO reviews and approves the program according to policies adopted by the local governments.

With few exceptions, any proposed transportation project should be included in the TIP to be considered eligible for federal funding. All phases of a project including preliminary engineering, right-of-way acquisitions, or construction should be documented in the TIP.

Understanding the TIP

The arrangement of the Transportation Improvement Program identifies those capital projects anticipated during fiscal years 2015-16, through 2018-19. The project tables generally include a brief description of each project and the projected funding required to complete the project. This document provides detailed project tables for highway improvements including Interstate, Primary, Urban and Secondary system projects; safety improvements, Transportation Alternative projects, public transportation improvements, and airport improvements.

Financial Plan

The New River Valley MPO Transportation Improvement Program (TIP) provides a summary of how transportation revenues in the program will be invested over a four year period by the state and local agencies that have legal responsibility to build, operate, and maintain the state's highway, road, street, airport, and public transit systems. Federally-funded expenditures are required by federal law to be consistent with the FY2035 Long Range Plan adopted in November 2010 and to be constrained to include only projects that we anticipate having enough revenue to complete. A portion of this money is used to maintain and operate the transportation systems. The remainder is for capital projects.

The project tables have been derived from information provided to the MPO staff by the state and local agencies responsible for funding participation. These tables represent the best estimate of project descriptions and costs that can be made in advance of final negotiation. The principal references for the compilation of the roadway improvements section was the Virginia Commonwealth Transportation Board's current Transportation Development Plan, and the reader is directed to this publication for further discussion of the majority of roadway projects included in this report, as well as the Six Year Secondary Road Improvement Program for Montgomery County.

Federal regulations require the TIP to be financially constrained by fiscal year. The STIP must demonstrate that there is enough money available each year to fund projects listed in the TIP for the year. The purpose of the included tables is to demonstrate financial constraint (for Highway Projects, see pp. 9-15; for Transit/Public Transportation Projects, see pp. 16-21; for Airport/Aviation Projects, see pp. 22-23). The tables compare estimated revenues and expenditures by funding source and indicate how much revenue is estimated will be available each year from federal, state and local sources.

Definitions and Abbreviations

- *AC - Advance Construction*
- *ADA - Americans with Disabilities Act*
- *Allocation - An administrative distribution of funds set apart or designated for a special purpose.*
- *Apportionment - A law that refers to a statutorily prescribed division or assignment of funds. An apportionment is based on prescribed formulas in the law and consists of dividing authorized obligation authority for a specific program.*
- *BH – Bridge Rehabilitation Funds*
- *BR – Bridge Replacement Funds*
- *BROS – Bridge (off-system, not on the federal-aid system)*
- *DEMO – Demonstration*
- *Earmarked – To reserve or set aside for a specific purpose*

- *EB – Equity Bonus*
- *EN – Enhancement Funds*
- *IM – Interstate Maintenance Funds*
- *M – Urbanized Funds*
- *MG – Minimum Guarantee*
- *NHS – National Highway System Funds*
- *PAPI – Precision Approach Path Indicator*
- *PPMS – Project Planning Management System (VDOT Tracking System Number)*
- *RPZ – Runway Protection Zone RRP – Rail Highway Protective Devices Funds*
- *RRP – Rail Highway Protective Devices Funds*
- *RRS – Rail Highway Grade Separation Funds*
- *S – State Funds*
- *STP – Surface Transportation Program Funds*
- *UST – Underground Storage Tank*
- *[] – Signifies a Very Preliminary Estimate of Cost*

MASS TRANSPORTATION PROGRAM

Federal Mass Transportation Funding

Federal grants for public transportation programs are authorized by the Federal Transit Act Amendments of 1991. Brief descriptions of funding categories for capital and operating expenses are given below.

Section 5309 (Formerly Section 3) – These funds are used primarily for large scale capital investment projects such as the construction/implementation of new mass transit systems. Other qualifying projects include extension of existing fixed guide way facilities, new bus or other rolling stock purchases, improvements for rail or bus systems, purchase of right of way and construction of intermodal transfer centers. Section 5309 funds are available to local transit programs on a formula and discretionary basis with 40% of the funds allocated to new rail starts, 40% for rail modernization, and 20% for purchase, replacement, and rehabilitation of buses and related equipment.

Section 5309 projects receive 80% federal funding. Project priority is determined by the state outside of Transportation Management Areas (TMAs – those urbanized areas having a population greater than 200,000). The Metropolitan Planning Organization (MPO) has responsibility for setting project priorities within TMAs.

Section 5307 (formerly Section 9) - These funds may be used for capital and operating expenses. Section 5307 funds are allocated by formula to states for distribution to urbanized areas with a population greater than 50,000. Distribution of these funds to urbanized areas with less than 200,000 is at the state's discretion. States may transfer a limited portion of these funds to Section 5311 (rural transit programming) if approved by an urbanized area declining funds. Operating subsidies may be used for highway projects under certain circumstances.

The Federal Transit Administration will fund 90% of the costs of capital projects to improve bicycle access to mass transit or meet the requirements of the Clean Air Act or Americans with Disabilities Act. Otherwise the federal share of capital costs is 80%. Section 5307 funds can only provide 50% of total operating cost.

MPOs have responsibility for setting project priority within urbanized areas with a population over 200,000. The state has responsibility otherwise.

Section 5310 (Formerly section 16) – These funds are available to qualifying private nonprofit and public agencies to purchase vehicles and equipment necessary to provide special transportation services for elderly and disabled clients. Funds may not be used for operating expenses.

Such acquisitions may receive up to 80% federal funding of the total cost of equipment. Project priority is the responsibility of the state for urbanized areas with a population under 200,000.

Section 5311 (formerly Section 18) – These formula grants are awarded to states for distribution to rural or small urban areas (i.e. areas under 50,000 population) for general public transit projects. Funds may be used for capital or operating expenses.

Up to 80% of capital improvements and up to 50% for operating expenses may be federally funded. Project priority is determined by the state.

The Federal Transit Administration has several other funding programs that are for planning purposes and are generally not referred to in the Transportation Planning and Research Program. One other program is available to encourage development of new privately operated transit services, which is the Entrepreneurial Services Challenge Program.

Mass Transportation Project Justification Narratives

In accordance with FTA reporting procedures discussions of the justification for individual projects applied for under Section 5309 and 5307 of the Urban Mass Transportation Act must be included in the TIP. Section 5310 projects, which are reported through the Virginia Department of Rail and Public Transportation Division, remain unaffected by this requirement.

Operating Assistance (Blacksburg Transit)

Blacksburg Transit, a department of the Town of Blacksburg, Virginia, is a designated recipient of state and federal aid programs for public transit service. BT provides transit service to roughly 65,000 residents of the MPO area. Transit service is provided within the Town of Blacksburg, with a route that runs through Montgomery County to the Town of Christiansburg. Since a majority of Blacksburg Transit ridership is associated with the local university, Virginia Tech, service schedules coincide with the class schedules at the university.

During full service the hours of operation for routes within the Town of Blacksburg town limits are:

Monday – Thursday 7:00 am to 12:45 am

Friday 7:00 am to 2:45 am

Saturday 9:30 am 2:45 am

Sunday 11:30 am to 11:30 pm

During reduced service* the hours of operation are:

Monday – Friday 7:00 am to 10:15 pm

Saturday 9:30 am 7:15 pm

Sunday 11:30 am to 7:15 pm

*note “reduced service” is during the summer and winter breaks. There is no Sunday service in the summer.

Blacksburg Transit’s complementary paratransit service is known as BT ACCESS. BT ACCESS’ door-through-door service for disabled persons in the community is widely recognized as one of the best in the state.

For routes in Blacksburg, Blacksburg Transit maintains and active fleet of 45 full-sized transit buses and 9 paratransit vehicles. Blacksburg Transit’s fleet is 100 percent accessible. Morning pullout during full service is 34 transit buses and 4 paratransit vans. BT provided 3,530,227 passenger trips during fiscal year 2013.

Service for the Town of Christiansburg

Service in the Town of Christiansburg covers all areas within the Town limits. The current routes now include the Go Anywhere! (demand-response), Explorer (deviated fixed route), and Commuter Service routes.

For year round service within Christiansburg, the hours of operation are:

Monday – Thursday 7:00 am to 6:00 pm

Friday 7:00 am to 10:00 pm

Saturday 8:00 am to 11:00 pm

There is no Sunday service.

For the Town of Christiansburg, BT maintains an active fleet of 2 buses and 4 Body on Chassis (BOC) vehicles and all vehicles are accessible.

Blacksburg Transit, in cooperation with Virginia Tech, plans to construct a multi-modal transfer facility (MMTF) to serve the existing and future riders in Blacksburg and the surrounding region. It is envisioned that this facility will be a hub for local and regional transit, creating a centralized transportation center that will promote alternative modes and facilitate non-automobile traffic. The facility will allow future expansion of service to be better served by an expanded and comprehensive transit operation.

The NRV MPO policy board has authorized the Town Manager of the Town of Blacksburg on behalf of the NRV MPO to seek federal and state funding to support transit services. The projected program budget for fiscal year 2014 is for expenditures to be incurred for the provision of a standard level of transit service system-wide and represents no major changes in eligible expense categories from the previous grant year.

Operating Assistance (Radford Transit)

Radford Transit is a service provided by the City of Radford, service is contracted through New River Valley Community Services and is a partnership between the City of Radford and Radford University. RT provides service to all citizens and students of the City of Radford, Radford University, Fairlawn in Pulaski County, with connecting service to Christiansburg, Blacksburg and the I-81 Park & Ride lot located at exit 118 of Interstate 81. Service is provided year-round with reduced service provided during times when Radford University is not in session.

At times when full service levels are provided typical hours of operation are as follows:

Monday - Wednesday: 7am - 10pm

Thursday - Friday: 7am - 2:40am

Saturday: 10am - 2:40am

Sunday: 6pm - 12am

Reduced service hours (when Radford University is not in session) are as follows:

Monday - Friday: 7am - 7:40pm

Saturday: 10am - 7:40pm

All Radford Transit is "deviated fixed-route" which enables any person requesting a deviation to do so with 24 hour notice. Buses may deviate from fixed routes up to $\frac{3}{4}$ mile from the nearest bus stop.

Radford Transit's fleet consists of ten (10) body-on-chassis (Cutaway) style buses, two (2) 29-passenger medium duty body-on-chassis (Cutaway) style buses, four (4) low floor heavy duty transit buses. RT is in the process of procuring two (2) body-on-chassis (Cutaway) style buses as required for expansion and spare ratios.

In its first year of service RT provided 187,332 passenger trips (August 8th, 2011 - June 30th 2012). By the second year of service RT has seen ridership more than double to a total of 328,848 passenger trips in FY 2013. With current passenger trips as of March 2014, RT is expected to surpass 350,000 passenger trips in FY 2014. RT employs approximately 45 full and part-time employees and is a functioning department of New River Valley Community Services within the agency's transit services department. NRVCS also provides Community Transit (CT) service throughout the New River Valley, this service targets human service transportation and provides some service for Radford Transit in the connection with the New River Valley Medical Center.

New River Valley MPO

Primary Projects

UPC NO	99425	SCOPE	Relocation			
SYSTEM	Primary	JURISDICTION	Blacksburg		OVERSIGHT	FO
PROJECT	RTE 460 - Southgate Dr. Interchange & Connector				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.164 Mi. W. Int. Southgate D TO: 0.761 Mi. E. Int. Southgate Dr. (0.9250 MI)					
ROUTE/STREET		RTE. 460 BYPASS (0460)			TOTAL COST	\$46,700,000
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - AC CONVERSION	\$0	\$5,295,731	\$0	\$0	\$0
RW	Federal - STP/F	\$0	\$697,981	\$0	\$0	\$0
CN AC	Federal - AC	\$0	\$38,700,000	\$0	\$0	\$0
MPO Note						

UPC NO	17345	SCOPE	New Construction Roadway			
SYSTEM	Primary	JURISDICTION	Montgomery County	OVERSIGHT		NFO
PROJECT	"SMART HIGHWAY" - 2 LANES ON 4 LANE RW - PE & RW ONLY				ADMIN BY	VDOT
DESCRIPTION	FROM: 0.671 KILOMETER EAST ROUTE 723 TO: ROUTE I-81 (6.4000 KM)					
PROGRAM NOTE	All funding obligated based on current allocations/estimate					
ROUTE/STREET	SMRT				TOTAL COST	\$122,370,705
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - STP/F	\$58,294	\$233,175	\$0	\$0	\$0
PE AC	Federal - AC	\$0	\$4,926,227	\$0	\$0	\$0
RW	Federal - STP/F	\$29,974	\$119,894	\$0	\$0	\$0
MPO Note						

UPC NO	84127	SCOPE	Safety			
SYSTEM	Primary	JURISDICTION	Montgomery County		OVERSIGHT	NFO
PROJECT	Smart Road - Research & Operations (Blacksburg) SAFETEA-LU				ADMIN BY	VDOT
DESCRIPTION						
ROUTE/STREET	SMRT				TOTAL COST	\$6,391,952
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
		\$0	\$0	\$0	\$0	\$0
MPO Note						

New River Valley MPO

Project Groupings

GROUPING		Construction : Bridge Rehabilitation/Replacement/Reconstruction				
ROUTE/STREET					TOTAL COST	\$39,669,067
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - BR	\$79,562	\$318,249	\$0	\$0	\$0
	Federal - STP/F	\$128	\$513	\$0	\$0	\$0
PE TOTAL		\$79,691	\$318,762	\$0	\$0	\$0
RW	Federal - BR	\$2,402	\$9,609	\$0	\$0	\$0
	Federal - STP/F	\$476	\$1,905	\$0	\$0	\$0
RW TOTAL		\$2,879	\$11,514	\$0	\$0	\$0
RW AC	Federal - AC	\$0	\$0	\$459,332	\$0	\$0
CN	Federal - AC CONVERSION	\$0	\$1,614,534	\$0	\$0	\$0
	Federal - BR	\$22,509	\$90,034	\$0	\$0	\$0
CN TOTAL		\$22,509	\$1,704,568	\$0	\$0	\$0
CN AC	Federal - AC	\$0	\$24,107	\$0	\$12,431,450	\$0
MPO Note						

GROUPING		Construction : Safety/ITS/Operational Improvements				
ROUTE/STREET					TOTAL COST	\$63,396,337
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - HSIP	\$494	\$129,453	\$0	\$0	\$0
	Federal - STP/SRS	\$0	\$64,558	\$0	\$0	\$0
	Federal - STP/SU	(\$37,291)	(\$149,165)	\$0	\$0	\$0
PE TOTAL		(\$36,797)	\$44,846	\$0	\$0	\$0
PE AC	Federal - AC	\$109,183	\$567,104	\$0	\$0	\$0
RW	Federal - EB	\$155,031	\$620,124	\$0	\$0	\$0
	Federal - STP/SRS	\$0	\$7,000	\$0	\$7,500	\$0
RW TOTAL		\$155,031	\$627,124	\$0	\$7,500	\$0
RW AC	Federal - AC	\$0	\$857,152	\$0	\$0	\$455,000
CN	Federal - EB	\$71,588	\$286,351	\$0	\$0	\$0
	Federal - HSIP	\$14,582	\$131,237	\$0	\$0	\$0
	Federal - STP/F	\$7,706	\$30,823	\$0	\$0	\$0
	Federal - STP/SRS	\$0	\$231,400	\$0	\$162,942	\$0
	Federal - STP/SU	(\$37,995)	(\$151,980)	\$0	\$0	\$0
CN TOTAL		\$55,880	\$527,831	\$0	\$162,942	\$0
CN AC	Federal - AC	\$657	\$4,016,879	\$0	\$0	\$0
MPO Note						

GROUPING		Construction : Transportation Enhancement/Byway/Non-Traditional				
ROUTE/STREET					TOTAL COST	\$4,323,489
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
PE	Federal - STP/EN	(\$230,476)	(\$921,903)	\$0	\$0	\$0
RW	Federal - STP/EN	\$450	\$1,800	\$0	\$0	\$0
	Federal - TAP/F	\$48,274	\$193,094	\$0	\$0	\$0
RW TOTAL		\$48,724	\$194,894	\$0	\$0	\$0
CN	Federal - STP/EN	\$258,513	\$1,034,052	\$0	\$0	\$0
	Federal - TAP/F	\$57,069	\$228,276	\$0	\$0	\$0
CN TOTAL		\$315,582	\$1,262,328	\$0	\$0	\$0
CN AC	Federal - AC	\$0	\$1,419,521	\$0	\$0	\$0
MPO Note						

GROUPING		Maintenance : Preventive Maintenance and System Preservation				
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.				
ROUTE/STREET					TOTAL COST	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
CN	Federal - STP/F		\$12,220,958	\$7,571,606	\$5,786,916	\$6,993,405
MPO Note						

GROUPING		Maintenance : Preventive Maintenance for Bridges				
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.				
ROUTE/STREET					TOTAL COST	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
CN	Federal - BR		\$1,753,772	\$1,753,772	\$1,753,772	\$1,753,772
	Federal - STP/F		\$2,289,791	\$5,332,575	\$4,747,767	\$5,064,173
CN TOTAL			\$4,043,563	\$7,086,347	\$6,501,539	\$6,817,945
MPO Note						

GROUPING		Maintenance : Traffic and Safety Operations				
PROGRAM NOTE		Funding identified to be obligated districtwide as projects are identified.				
ROUTE/STREET					TOTAL COST	
	FUND SOURCE	MATCH	FY15	FY16	FY17	FY18
CN	Federal - STP/F		\$2,332,126	\$2,909,645	\$2,669,524	\$2,799,440
MPO Note						

Appendix A

Projects by Grouping

Construction : Bridge Rehabilitation/Replacement/Reconstruction

System	UPC	Jurisdiction / Name / Description	Street (Route)	Estimate
Interstate	93074	Christiansburg RTE. 81 - APPROACHES AND BRIDGES OVER ROUTE 8 FROM: Christiansburg SCL TO: 0.035 Mile North of Christiansburg SCL	0081	\$10,917,668
Interstate	93075	Montgomery County RTE. 81 - Mont. Co. Approaches to I-81 bridges over Route 8 FROM: 0.200 Mile South of Christiansburg SCL TO: Christiansburg SCL (0.2000 MI)	0081	\$5,248,611
Primary	18866	Montgomery County RTE 114 - BRIDGE REPLACEMENT ON WBLOVER NS RAILWAY FROM: 1.07 MILE EAST MONTGOMERY-PULASKI CL TO: 0.21 MILE EAST MONTGOMERY-PULASKI CL (0.8700 MI) Linked with Parent UPC 50030	0114	\$5,014,379
Primary	50030	Montgomery County RTE 114 - WBL BRIDGE REPLACEMENT OVER THE NEW RIVER FROM: 0.21 MILE EAST MONTGOMERY-PULASKI CO LINE TO: MONTGOMERY-PULASKI CO LINE Linked with child UPC 18866	0114	\$15,206,734
Secondary	90087	Montgomery County RTE. 773 - BRIDGE REPLACEMENT (STR. 6132) FROM: Intersection Rte. 626 TO: 0.089 miles north intersection Rte 626 (0.0890 MI)	CANNERY ROAD (0773)	\$3,281,675
Construction : Bridge Rehabilitation/Replacement/Reconstruction Total				\$39,669,067

Construction : Safety/ITS/Operational Improvements

System	UPC	Jurisdiction / Name / Description	Street (Route)	Estimate
Interstate	82093	Salem District-wide FY14-FY15 Install New VMS on Interstate 81 FROM: MM 122.6 SB TO: MM 87.2 NB	INTERSTATE 81 (0081)	\$500,000
Miscellaneous	102853	Blacksburg Town of Blacksburg - SRTS - Harding Ave ES - Bike/Ped imp. FROM: 429 Harding Avenue TO: Various	HARDING AVENUE (0000)	\$250,000
Miscellaneous	102854	Blacksburg Town of Blacksburg - SRTS - Margaret Beeks ES - B/P imp. FROM: 709 Airport Road TO: Various	AIRPORT ROAD (0000)	\$31,500
Miscellaneous	81419	Salem District-wide DISTRICTWIDE ROADWAY SAFETY ASSESSMENT - SALEM FY07 HSIP PROJECT	0000	\$0

Primary	105303	Montgomery County	PEPPERS FERRY RD (0000) MONTGOMERY COUNTY - SRTS - BELVIEW ES - HIGH VIS CROSSING FROM: JADE DR TO: PRICES FORK RD (0.1000 MI)	\$235,000
Primary	100663	Blacksburg	460 BYPASS/PANDAPAS POND ROAD (0460) RTE 460 - Install Flashing Beacons and Warning Signs FROM: 460 Bypass/Pandapas Pond Road TO: 460 Business (N. Main St/Farmingdale Ln)	\$137,479
Primary	100839	Blacksburg	RESEARCH CENTER DRIVE (0460) Int. Improvements at Route 460 Ramps and Research Center Dr. FROM: Int. of South Main Street TO: 0.29 mi. North of Int. South Main Street (0.2892 MI)	\$3,080,653
Urban	67974	Blacksburg	NORTH MAIN ST. (U000) TOWN OF BLACKSBURG - NORTH MAIN STREET FROM: 0.008 Mi. N. Int. Kabrich Street TO: 0.004 Mi. S. Int. College Avenue (0.5190 MI)	\$12,775,118
Urban	100657	Blacksburg	NORTH MAIN STREET (0460) Improve sight distance at N. Main and Red Maple Drive FROM: North Main Street TO: Red Maple Drive	\$271,400
Urban	100658	Blacksburg	PRICES FORK ROAD (0000) Upgrade Traffic Signal, add ADA Controls along Prices Fork FROM: Prices Fork Road TO: Plantation Road	\$401,661
Urban	72527	Blacksburg	PROGRESS STREET (U000) PROGRESS STREET EXTENSION / GIVENS LANE FROM: 0.066 MILE SOUTH ASHFORD COURT/GIVENS LANE TO: 0.072 MILE EAST NORTH MAIN ST/0.003 MILE NORTH CHEROKEE DR. (1.4760 MI)	\$16,979,491
Urban	104387	Christiansburg	N. FRANKLIN / CAMBRIA (0460) Intersection improvements - N. Franklin St/Cambria St FROM: Cambria St. TO: Independence Blvd (0.6000 MI) All funding obligated based on current allocations/estimate	\$4,085,000
Urban	8746	Christiansburg	PEPPERS FERRY RD (0114) RTE 114 - PEPPERS FERRY ROAD - WIDEN TO 4 LANES FROM: ROUTE 460 TO: 0.789 Km East of WCL (1.5309 KM)	\$24,649,035
Construction : Safety/ITS/Operational Improvements Total				\$63,396,337

Construction : Transportation Enhancement/Byway/Non-Traditional

System	UPC	Jurisdiction / Name / Description	Street (Route)	Estimate
Enhancement	103637	Christiansburg Christiansburg Downtown Streetscaping, Phase C503 (Ph1B) FROM: Roanoke Street TO: Franklin Street Linked with Parent UPC 56407	EAST MAIN ST & FRANKLIN ST (0000)	\$1,382,153
Enhancement	89864	Christiansburg Christiansburg Downtown Streetscaping, Phase C502	EN00	\$0

Enhancement	95062	Blacksburg	EN01	\$0
		C504 Phase IV of Hokie Bikeways, Huckleberry Trail connector FROM: Connect to existing Huckleberry Tr @ Plantation Road TO: Connect to existing Huckleberry Tr @ Route 460 Bypass tunnel Linked with Parent UPC 59786		
Enhancement	103920	Blacksburg	EN01	\$0
		Virginia Tech, Hokie Bikeways C505 fence Linked with Parent UPC 59786		
Enhancement	94264	Montgomery County	EN09	\$560,000
		Huckleberry Trail Extension FROM: Route 114 - Peppers Ferry Road (at Wal-Mart parking lot) TO: Farm View Road Extension (at Home Depot parking lot) Linked with child UPC 103896		
Enhancement	103896	Montgomery County	HUCKLEBERRY TRAIL (EN09)	\$0
		Huckleberry Trail - Phase 2B FROM: Farm View Road Extension (at Home Depot parking lot) TO: Cambria St (1.0000 MI) Linked with Parent UPC 94264		
Urban	59786	Blacksburg	EN01	\$491,888
		VIRGINIA TECH, HOKIE BIKEWAYS FROM: DOWNTOWN TO: GILES COUNTY HIGH SCHOOL Linked with child UPC's 95062 & 103920		
Urban	75187	Blacksburg	EN01	\$0
		TOWN OF BLACKSBURG - HOKIE BIKEWAYS - PHASE II THE CRANWELL CONNECTION		
Urban	56407	Christiansburg	EN00	\$1,889,448
		TOWN OF CHRISTIANSBURG - STREETSCAPING AND PEDESTRIAN SAFETY MEASURES WITHING THE CENTRAL BUSINESS DISTRICT Linked with child UPC 103637		
Construction : Transportation Enhancement/Byway/Non-Traditional Total				\$4,323,489

Maintenance : Preventive Maintenance and System Preservation

System	UPC	Jurisdiction / Name / Description	Street (Route)	Estimate
Miscellaneous		Salem District-wide	0000	\$0
	T14722	STIP-MN Salem: Preventive MN and System Preservation		

Maintenance : Preventive Maintenance and System Preservation Total **\$0**

Maintenance : Preventive Maintenance for Bridges

System	UPC	Jurisdiction / Name / Description	Street (Route)	Estimate
Miscellaneous		Salem District-wide	0000	\$0
	T14721	STIP-MN Salem: Preventive MN for Bridges		

Maintenance : Preventive Maintenance for Bridges Total **\$0**

Maintenance : Traffic and Safety Operations

System	UPC	Jurisdiction / Name / Description	Street (Route)	Estimate
Miscellaneous		Salem District-wide	0000	\$0
	T14720	STIP-MN Salem: Traffic and Safety Operations		

Maintenance : Traffic and Safety Operations Total	\$0
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Blacksburg MPO Total	\$107,388,893
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**TABLE C : New River Valley MPO
FEDERAL FUNDING CATEGORIES
FISCAL CONSTRAINT BY YEAR**

Highway Projects
FFY 2015 - 2018

Fund Source	FFY 2015		FFY 2016		FFY 2017		FFY 2018		TOTAL	
	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation	Projected Obligation Authority	Planned Obligation
Federal										
BR/BROS	\$417,892	\$417,892	\$0	\$0	\$0	\$0	\$0	\$0	\$417,892	\$417,892
EB/MG	\$906,475	\$906,475	\$0	\$0	\$0	\$0	\$0	\$0	\$906,475	\$906,475
EN	\$113,949	\$113,949	\$0	\$0	\$0	\$0	\$0	\$0	\$113,949	\$113,949
STP	\$1,346,794	\$1,346,794	\$0	\$0	\$170,442	\$170,442	\$0	\$0	\$1,517,236	\$1,517,236
TAP	\$421,370	\$421,370	\$0	\$0	\$0	\$0	\$0	\$0	\$421,370	\$421,370
Subtotal -- Federal	\$3,206,480	\$3,206,480	\$0	\$0	\$170,442	\$170,442	\$0	\$0	\$3,376,922	\$3,376,922
Other										
State Match	\$725,609	\$725,609	\$0	\$0	\$0	\$0	\$0	\$0	\$725,609	\$725,609
Subtotal -- Other	\$725,609	\$725,609	\$0	\$0	\$0	\$0	\$0	\$0	\$725,609	\$725,609
Total	\$3,932,089	\$3,932,089	\$0	\$0	\$170,442	\$170,442	\$0	\$0	\$4,102,531	\$4,102,531
Federal - ACC (1)										
BR	\$1,614,534	\$1,614,534	\$0	\$0	\$0	\$0	\$0	\$0	\$1,614,534	\$1,614,534
STP	\$5,295,731	\$5,295,731	\$0	\$0	\$0	\$0	\$0	\$0	\$5,295,731	\$5,295,731
Subtotal -- Federal - ACC (1)	\$6,910,265	\$6,910,265	\$0	\$0	\$0	\$0	\$0	\$0	\$6,910,265	\$6,910,265
Maintenance - Federal (5)										
BR/BROS	\$1,753,772	\$1,753,772	\$1,753,772	\$1,753,772	\$1,753,772	\$1,753,772	\$1,753,772	\$1,753,772	\$7,015,088	\$7,015,088
STP	\$16,842,875	\$16,842,875	\$15,813,826	\$15,813,826	\$13,204,207	\$13,204,207	\$14,857,018	\$14,857,018	\$60,717,926	\$60,717,926
Subtotal -- Maintenance - Federal (5)	\$18,596,647	\$18,596,647	\$17,567,598	\$17,567,598	\$14,957,979	\$14,957,979	\$16,610,790	\$16,610,790	\$67,733,014	\$67,733,014

- (1) ACC -- Advance Construction -- Funding Included in Federal Category based on year of AC Conversion.
- (2) CMAQ/RSTP includes funds for TRANSIT projects.
- (3) Multiple MPO Category - Funding to be obligated in Multiple MPO Regions.
- (4) Statewide Category - Funding to be obligated Statewide for projects as identified.
- (5) Maintenance Projects - Funding to be obligated for maintenance projects as identified.

	Previous Funding	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 2015-2018
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BLACKSBURG METROPOLITAN PLANNING ORGANIZATION

STIP ID: BBT0001		Title: Operating Assistance		Recipient: Blacksburg Transit				
FTA 5307		1,751	2,135	2,308	2,448	FTA 5307	8,642	Blacksburg Transit
State		1,506	1,837	1,985	2,107	State	7,435	Blacksburg Transit
Local		2,615	3,199	3,469	3,689	Local	12,972	Blacksburg Transit
Revenues		212	270	278	286	Revenues	1,046	Blacksburg Transit
Year Total:	-	6,084	7,441	8,040	8,530	Total Funds:	30,095	Blacksburg Transit
Description								
STIP ID: BBT0002		Title: Replacement Rolling Stock		Recipient: Blacksburg Transit				
Flexible STP		1,014	658	177		Flexible STP	1,849	Blacksburg Transit
State		203	82	22		State	307	Blacksburg Transit
Local		51	82	22		Local	155	Blacksburg Transit
Year Total:	-	1,268	822	221	-	Total Funds:	2,311	Blacksburg Transit
Description								
STIP ID: BBT0009		Title: Rehab/Renovate/ Maintain Facility		Recipient: Blacksburg Transit				
Flexible STP		425				Flexible STP	425	Blacksburg Transit
State		85				State	85	Blacksburg Transit
Local		22				Local	22	Blacksburg Transit
Year Total:	-	532	-	-	-	Total Funds:	532	Blacksburg Transit
Description								

STIP ID: BBT0010 Title: Eng Desig Adm Bldg Recipient: Blacksburg Transit								
Flexible STP		1,574				Flexible STP	1,574	Blacksburg Transit
State		315				State	315	Blacksburg Transit
Local		78				Local	78	Blacksburg Transit
Year Total:	-	1,967	-	-	-	Total Funds:	1,967	Blacksburg Transit
Description								
STIP ID: BBT0011 Title: Regional Transit Facility - Mini Hubs Recipient: Blacksburg Transit								
Flexible STP			800	1,880	3,680	Flexible STP	6,360	Blacksburg Transit
State			100	235	460	State	795	Blacksburg Transit
Local			100	235	460	Local	795	Blacksburg Transit
Year Total:	-	-	1,000	2,350	4,600	Total Funds:	7,950	Blacksburg Transit
Description								
STIP ID: BBT0014 Title: Spare Parts, ACM Items Recipient: Blacksburg Transit								
Flexible STP			200	160		Flexible STP	360	Blacksburg Transit
State			25	20		State	45	Blacksburg Transit
Local			25	20		Local	45	Blacksburg Transit
Year Total:	-	-	250	200	-	Total Funds:	450	Blacksburg Transit
Description								
STIP ID: BBT0016 Title: Expansion Rolling Stock Recipient: Blacksburg Transit								
Flexible STP			2,542	937	698	Flexible STP	4,177	Blacksburg Transit
State			318	117	87	State	522	Blacksburg Transit
Local			318	117	87	Local	522	Blacksburg Transit
Year Total:	-	-	3,178	1,171	872	Total Funds:	5,221	Blacksburg Transit
Description								

STIP ID: BBT0017		Title: Passenger Shelters		Recipient: Blacksburg Transit				
Flexible STP			36	35	36	Flexible STP	107	Blacksburg Transit
State			4	5	5	State	14	Blacksburg Transit
Local			4	5	5	Local	14	Blacksburg Transit
Year Total:	-	-	44	45	46	Total Funds:	135	Blacksburg Transit
Description								
STIP ID: BBT0020		Title: ADP Hardware		Recipient: Blacksburg Transit				
Flexible STP		162	72	108	69	Flexible STP	411	Blacksburg Transit
State		32	9	14	9	State	64	Blacksburg Transit
Local		8	9	13	8	Local	38	Blacksburg Transit
Year Total:	-	202	90	135	86	Total Funds:	513	Blacksburg Transit
Description								
STIP ID: BBT0021		Title: ADP Software		Recipient: Blacksburg Transit				
Flexible STP		27	88	120	80	Flexible STP	315	Blacksburg Transit
State	-	5	11	15	10	State	41	Blacksburg Transit
Local	-	1	11	15	10	Local	37	Blacksburg Transit
Year Total:	-	33	110	150	100	Total Funds:	393	Blacksburg Transit
Description								
STIP ID: BBT0022		Title: Dynamic Bus Routing & Scheduling Study		Recipient: Blacksburg Transit				
Flexible STP			800			Flexible STP	800	Blacksburg Transit ***
State	-		100			State	100	Blacksburg Transit
Local	-		100			Local	100	Blacksburg Transit
Year Total:	-	-	1,000	-	-	Total Funds:	1,000	Blacksburg Transit
Description	*** In OLGA- 100% Federal Funded							

Transit								
Flexible STP			105	69	130	Flexible STP	304	Blacksburg Transit
State			13	9	16	State	38	Blacksburg Transit
Local			13	9	16	Local	38	Blacksburg Transit
Year Total:	-	-	131	87	162	Total Funds:	380	Blacksburg Transit
Description								
STIP ID:	BBT0026	Title: JARC			Recipient: Blacksburg Transit			
JARC		246				JARC	246	Blacksburg Transit
State						State	-	Blacksburg Transit
Local		246				Local	246	Blacksburg Transit
Revenues		28				Revenues	28	Blacksburg Transit
Year Total:	-	520	-	-	-	Total Funds:	520	Blacksburg Transit
Description								
STIP ID:	BBT0027	Title: Expansion Bus Trolley			Recipient: Blacksburg Transit			
Flexible STP						Flexible STP	-	Blacksburg Transit
State						State	-	Blacksburg Transit
Local						Local	-	Blacksburg Transit
Year Total:	-	-	-	-	-	Total Funds:	-	Blacksburg Transit
Description								
STIP ID:	BBT0028	Title: Radios			Recipient: Blacksburg Transit			
Flexible STP		18	11	1		Flexible STP	30	Blacksburg Transit
State		4	1			State	5	Blacksburg Transit
Local		1	1			Local	2	Blacksburg Transit
Year Total:	-	23	13	1	-	Total Funds:	37	Blacksburg Transit
Description								

STIP ID: BBT0029		Title: Shop Equipment		Recipient: Blacksburg Transit				
Flexible STP		25	140	174		Flexible STP	339	Blacksburg Transit
State		5	17	22		State	44	Blacksburg Transit
Local		1	17	22		Local	40	Blacksburg Transit
Year Total:	-	31	174	218	-	Total Funds:	423	Blacksburg Transit
Description								
STIP ID: BBT0030		Title: Bike Racks, ITS or Misc. Equipment		Recipient: Blacksburg Transit				
Flexible STP		6	1	1	182	Flexible STP	190	Blacksburg Transit
State		1	1	1	23	State	26	Blacksburg Transit
Local		1			22	Local	23	Blacksburg Transit
Year Total:	-	8	2	2	227	Total Funds:	239	Blacksburg Transit
Description								
STIP ID: BBT0032		Title: Communication Systems		Recipient: Blacksburg Transit				
Flexible STP					2	Flexible STP	2	Blacksburg Transit
State					1	State	1	Blacksburg Transit
Local					1	Local	1	Blacksburg Transit
Year Total:	-	-	-	-	4	Total Funds:	4	Blacksburg Transit
Description								
STIP ID: CRAD001		Title: Operating Assistance		Recipient: City of Radford				
FTA 5307		465	465	465	465	FTA 5307	1,860	City of Radford
FTA 5311		36	36	36	36	FTA 5311	144	City of Radford
State		263	263	263	263	State	1,052	City of Radford
Local		519	519	519	519	Local	2,076	City of Radford
Revenues		35	35	35	35	Revenues	140	City of Radford
Year Total:	-	1,318	1,318	1,318	1,318	Total Funds:	5,272	City of Radford
Description								

STIP ID:		CRAD002	Title: ADP Hardware and Software		Recipient:		City of Radford		
ADTAP			259				ADTAP	259	City of Radford
State			52				State	52	City of Radford
Local			13				Local	13	City of Radford
Year Total:	-		324	-	-	-	Total Funds:	324	City of Radford
Description									
STIP ID:		CRAD003	Title: Purchase Radios		Recipient:		City of Radford		
ADTAP							ADTAP	-	City of Radford
State							State	-	City of Radford
Local							Local	-	City of Radford
Year Total:	-		-	-	-	-	Total Funds:	-	City of Radford
Description									
STIP ID:		CRAD004	Title: Purchase Support Vehicles		Recipient:		City of Radford		
ADTAP					136	36	ADTAP	172	City of Radford
State					17	5	State	22	City of Radford
Local					17	4	Local	21	City of Radford
Year Total:	-		-	-	170	45	Total Funds:	215	City of Radford
Description									
STIP ID:		CRAD005	Title: Replacement Rolling Stock		Recipient:		City of Radford		
FTA 5311			312	312	680		FTA 5311	1,304	City of Radford
Flexible STP			1,280				Flexible STP	1,280	City of Radford
State			318	39	85		State	442	City of Radford
Local			80	39	85		Local	204	City of Radford
Year Total:	-		1,990	390	850	-	Total Funds:	3,230	City of Radford
Description									

STIP ID:		CRAD006	Title: Construction of Facilities		Recipient:		City of Radford	
ADTAP			120		400	ADTAP	520	City of Radford
State			15		50	State	65	City of Radford
Local			15		50	Local	65	City of Radford
Year Total:	-	-	150	-	500	Total Funds:	650	City of Radford
Description:								
STIP ID:		CRAD007	Title: Purchase Route Signage		Recipient:		City of Radford	
ADTAP			8			ADTAP	8	City of Radford
State			1			State	1	City of Radford
Local			1			Local	1	City of Radford
Year Total:	-	-	10	-	-	Total Funds:	10	City of Radford
Description:								
STIP ID:		CRAD008	Title: Purchase Shop Equipment		Recipient:		City of Radford	
ADTAP		42	83		120	ADTAP	245	City of Radford
State		8	10		15	State	33	City of Radford
Local		2	10		15	Local	27	City of Radford
Year Total:	-	52	103	-	150	Total Funds:	305	City of Radford
Description:								
STIP ID:		CRAD009	Title: Purchase Spare Parts		Recipient:		City of Radford	
ADTAP			40		40	ADTAP	80	City of Radford
State			5		5	State	10	City of Radford
Local			5		5	Local	10	City of Radford
Year Total:	-	-	50	-	50	Total Funds:	100	City of Radford
Description:								

STIP ID: NRVC001		Title: Paratransit Vehicles			Recipient: New River Valley Community Services			
FTA 5310		156	184	168	120	FTA 5310	628	New River Valley CC
State						State	-	New River Valley CC
Local		39	46	42	30	Local	157	New River Valley CC
Year Total:	-	195	230	210	150	Total Funds:	785	New River Valley CC
Description:								
STIP ID: NRVM001		Title: Intercity Bus Capital Project			Recipient: New River Valley MPO			
ADTAP		1,875				ADTAP	1,875	New River Valley MPO
State		375				State	375	New River Valley MPO
Local		94				Local	94	New River Valley MPO
Year Total:	-	2,344	-	-	-	Total Funds:	2,344	New River Valley MPO
Description:								

Blacksburg Transit	Previous Funding	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 2015-2018	
FTA 5307	-	1,751	2,135	2,308	2,448	FTA 5307	8,642
FTA 5310	-	-	-	-	-	FTA 5310	-
FTA 5311	-	-	-	-	-	FTA 5311	-
FTA 5314	-	-	-	-	-	FTA 5314	-
FTA 5339	-	-	-	-	-	FTA 5339	-
JARC	-	246	-	-	-	JARC	246
New Freedom	-	-	-	-	-	New Freedom	-
Flexible STP	-	3,251	4,653	3,662	4,877	Flexible STP	16,443
ADTAP	-	-	-	-	-	ADTAP	-
Other Federal	-	-	-	-	-	Other Federal	-
State	-	2,156	2,518	2,445	2,718	State	9,837
Local	-	3,024	3,879	3,927	4,298	Local	15,128
Revenues	-	240	270	278	286	Revenues	1,074
<i>Totals</i>	-	10,668	13,455	12,620	14,627		51,370

City of Radford	Previous Funding	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 2015-2018	
FTA 5307	-	465	465	465	465	FTA 5307	1,860
FTA 5310	-	-	-	-	-	FTA 5310	-
FTA 5311	-	348	348	716	36	FTA 5311	1,448
FTA 5314	-	-	-	-	-	FTA 5314	-
FTA 5339	-	-	-	-	-	FTA 5339	-
JARC	-	-	-	-	-	JARC	-
New Freedom	-	-	-	-	-	New Freedom	-
Flexible STP	-	1,280	-	-	-	Flexible STP	1,280
ADTAP	-	301	251	136	596	ADTAP	1,284
Other Federal	-	-	-	-	-	Other Federal	-
State	-	641	333	365	338	State	1,677
Local	-	614	589	621	593	Local	2,417
Revenues	-	35	35	35	35	Revenues	140
<i>Totals</i>	-	3,684	2,021	2,338	2,063		10,106

New River Valley Community Services	Previous Funding	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 2015-2018	
FTA 5307	-	-	-	-	-	FTA 5307	-
FTA 5310	-	156	184	168	120	FTA 5310	628
FTA 5311	-	-	-	-	-	FTA 5311	-
FTA 5314	-	-	-	-	-	FTA 5314	-
FTA 5339	-	-	-	-	-	FTA 5339	-
JARC	-	-	-	-	-	JARC	-
New Freedom	-	-	-	-	-	New Freedom	-
Flexible STP	-	-	-	-	-	Flexible STP	-
ADTAP	-	-	-	-	-	ADTAP	-
Other Federal	-	-	-	-	-	Other Federal	-
State	-	-	-	-	-	State	-
Local	-	39	46	42	30	Local	157
Revenues	-	-	-	-	-	Revenues	-
<i>Totals</i>	-	195	230	210	150		785

New River Valley MPO	Previous Funding	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 2015-2018	
FTA 5307	-	-	-	-	-	FTA 5307	-
FTA 5310	-	-	-	-	-	FTA 5310	-
FTA 5311	-	-	-	-	-	FTA 5311	-
FTA 5314	-	-	-	-	-	FTA 5314	-
FTA 5339	-	-	-	-	-	FTA 5339	-
JARC	-	-	-	-	-	JARC	-
New Freedom	-	-	-	-	-	New Freedom	-
Flexible STP	-	-	-	-	-	Flexible STP	-
ADTAP	-	1,875	-	-	-	ADTAP	1,875
Other Federal	-	-	-	-	-	Other Federal	-
State	-	375	-	-	-	State	375
Local	-	94	-	-	-	Local	94
Revenues	-	-	-	-	-	Revenues	-
<i>Totals</i>	-	2,344	-	-	-		2,344

Blacksburg MPO	Previous Funding	FY 2015	FY 2016	FY 2017	FY 2018	Total FY 2015-2018	
FTA 5307	-	2,216	2,600	2,773	2,913	FTA 5307	10,502
FTA 5310	-	156	184	168	120	FTA 5310	628
FTA 5311	-	348	348	716	36	FTA 5311	1,448
FTA 5314	-	-	-	-	-	FTA 5314	-
FTA 5339	-	-	-	-	-	FTA 5339	-
JARC	-	246	-	-	-	JARC	246
New Freedom	-	-	-	-	-	New Freedom	-
Flexible STP	-	4,531	4,653	3,662	4,877	Flexible STP	17,723
ADTAP	-	2,176	251	136	596	ADTAP	3,159
Other Federal	-	-	-	-	-	Other Federal	-
State	-	3,172	2,851	2,810	3,056	State	11,889
Local	-	3,771	4,514	4,590	4,921	Local	17,796
Revenues	-	275	305	313	321	Revenues	1,214
<i>Totals</i>	-	16,891	15,706	15,168	16,840		64,605

Program Narrative

Virginia Tech/Montgomery Executive Airport

The Virginia Tech/Montgomery Executive Airport (the Airport) is expected to receive a Finding of No Significant Impact-Record of Decision (FONSI – ROD) on its Environmental Assessment during the first week of May 2014. This FONSI will set the development scenarios for the Airport’s Capital Improvement Plan for the following development period.

Current year 2014

Runway Extension Design: This project is 35% complete. The Airport will go under grant with the FAA and DOAV later in 2014 for 100% design. Total project cost is \$722,201. The FAA will fund 90% of this grant while the VDOA will fund 8%. The Airport will be responsible for 2% of the total cost.

The Airport also will have a project with VDOA for Corporate and T-hanger Site Preparation Design. This project is expected to cost \$190,000 with VDOA paying 80% and the Airport paying 20%.

SUBSEQUENT YEARS DEVELOPMENT

Department of Aviation Commonwealth of Virginia

Project List Report

Years: 2015, 2016, 2017, 2018, 2019, and 2020

Project Categories: All

Project Types: CAF

Project Statuses: CP

FAA State Local VDOT Total

Virginia Tech-Montgomery Executive Airport

2015

Corporate Hanger # 2 Site Preparation (Construction)	\$0.00	\$610,456.00	\$235,165.00	\$0	\$845,621.00
Research Center Drive & Huckleberry Trail Relocation	\$2,941,812.00	\$261,494.40	\$65,373.60	\$0	\$3,268,680.00
Runway Extension Phase 1 (Construction)	\$2,058,120.00	\$182,944.00	\$45,736.00	\$0	\$2,286,800.00
T-Hanger Site Preparation (Construction)	\$0.00	\$629,611.00	\$203,448.00	\$0	\$833,059.00

2015 Sub Total \$4,999,932.00 \$1,684,505.40 \$549,722.60 \$0 \$7,234,160.00

2016

Fuel Farm Relocation (Design)	\$0.00	\$60,000.00	\$15,000.00	\$0	\$75,000.00
Runway Extension Phase 2 (Construction)	\$4,999,999.50	\$444,444.40	\$111,111.10	\$0	\$5,555,555.00

2016 Sub Total \$4,999,999.50 \$504,444.40 \$126,111.10 \$0 \$5,630,555.00

2017

Fuel Farm Relocation (Construction)	\$0.00	\$180,000.00	\$45,000.00	\$0	\$225,000.00
Runway Extension Phase 3 (Construction)	\$4,999,999.50	\$444,444.40	\$111,111.10	\$0	\$5,555,555.00

2017 Subtotal \$4,999,999.50 \$624,444.40 \$156,111.10 \$0 \$5,780,555.00

2018

Land Acquisition Phase 1	\$2,458,565.10	\$218,539.12	\$54,634.76	\$0	\$2,731,738.98
Runway Extension Phase 4 (Construction)	\$2,541,434.40	\$225,905.28	\$5,476.32	\$0	\$2,823,816.00

2018 Subtotal \$4,999,999.50 \$444,444.40 \$111,111.08 \$0 \$5,555,554.98

2019

Land Acquisition Phase 2	\$4,999,999.50	\$444,444.40	\$111,111.10	\$0	\$5,555,555.00
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2019 Subtotal \$4,999,999.50 \$444,444.40 \$111,111.10 \$0 \$5,555,555.00

2020					
Land Acquisition Phase 3	\$1,001,436.00	\$89,016.00	\$22,254.00	\$0	\$1,112,706.00
2019 Subtotal	\$1,001,436.00	\$89,016.00	\$22,254.00	\$0	\$1,112,706.00
Virginia Tech-Montgomery Executive Airport Subtotal	\$26,001,366.00	\$3,791,299.00	\$1,076,420.98	\$0	\$30,869,085.98
Total	\$26,001,366.00	\$3,791,299.00	\$1,076,420.98	\$0	\$30,869,085.98